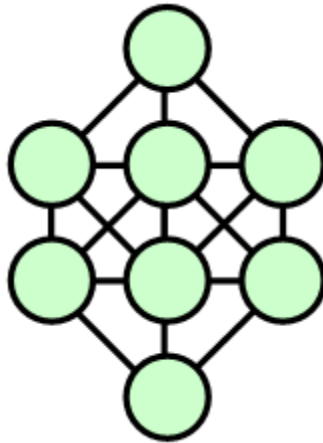


## Digit Placing Puzzle

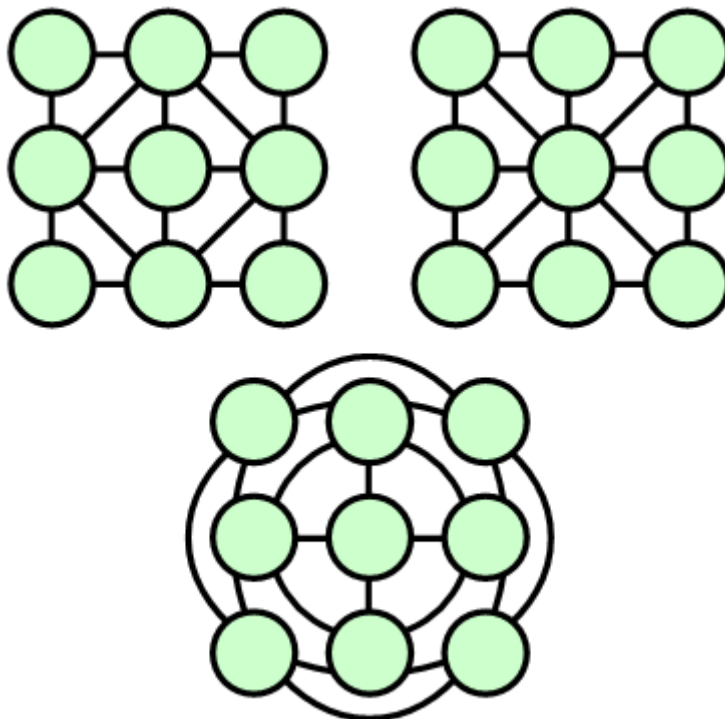
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Write the numbers 1 through 8 in the circles so that no two numbers inside circles joined by a line differ by 1. For example, if you put a 4 in the top circle, you cannot put a 3 or a 5 in any of the circles in the row directly below it because each of those three circles is joined to the top by a line.



### Extensions:

Which of these digit placing puzzles are possible using the digits 1 through 9?



Make your own digit placing puzzle using the digits 0 through 9, but don't allow the 0 and 9 to be side by side.

**Two Player Game:**

Players take turns placing the digits. The first player who cannot place loses.

**Credits:**

Original problem and theme by Ted Lewis of The Pacific Institute for The Mathematical Sciences.

Extensions and Game by Gord! © 2005 Galileo